

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056861.D
 Acq On : 15 Dec 2023 01:50
 Operator : MD/SY
 Sample : 05770-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 05:11:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

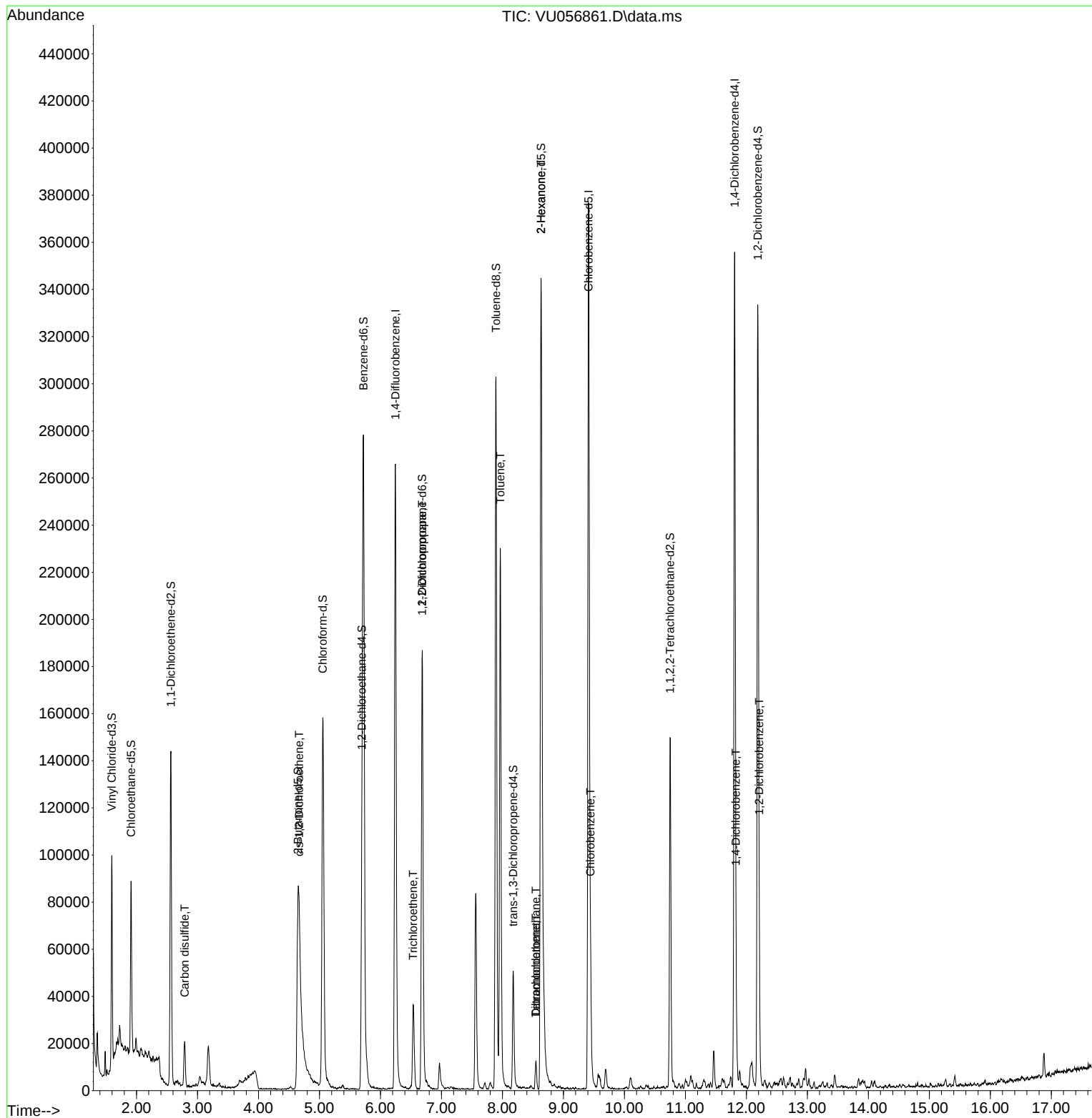
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	218194	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	223441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56097	2.999	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.911	69	55400	3.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.563	65	27468	3.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	4.647	46	185102	50.115	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.240%
24) Chloroform-d	5.055	84	154243	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	75962	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.721	84	272506	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.685	67	93723	4.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.894	98	210773	3.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.177	79	30900	3.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.634	63	131192	41.349	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.700%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	76184	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	84391	4.372	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
14) Carbon disulfide	2.792	76	26313	0.428	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	13011	0.666	ug/L	95
34) Trichloroethene	6.537	95	13154	0.611	ug/L	97
37) 1,2-Dichloropropane	6.682	63	9798	0.488	ug/L #	89
42) Toluene	7.965	91	173016	2.129	ug/L	99
47) Tetrachloroethene	8.547	164	2478	0.164	ug/L	93
48) 2-Hexanone	8.634	43	17058	2.511	ug/L #	78
49) Dibromochloromethane	8.550	129	2544	0.163	ug/L #	11
51) Chlorobenzene	9.444	112	26502	0.512	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	8876	0.246	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	16448	0.492	ug/L	97

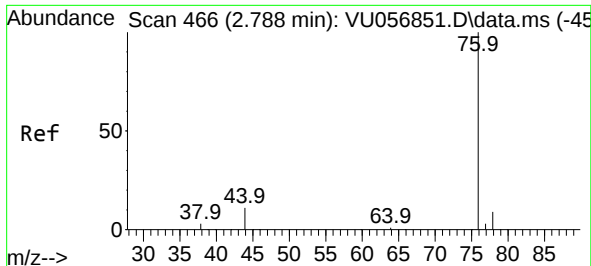
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.428 ug/L

RT: 2.792 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU056861.D

Acq: 15 Dec 2023 01:50

Instrument :

MSVOA_U

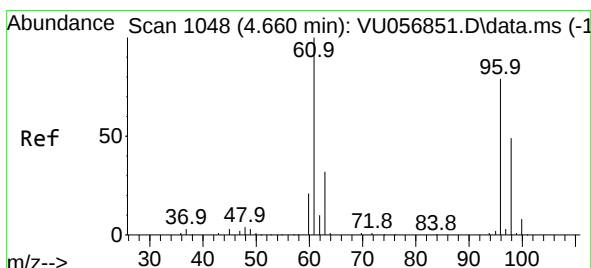
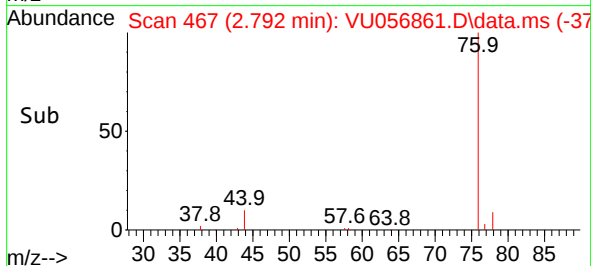
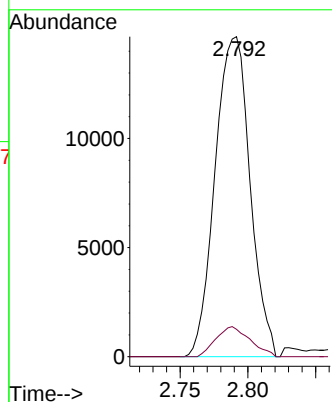
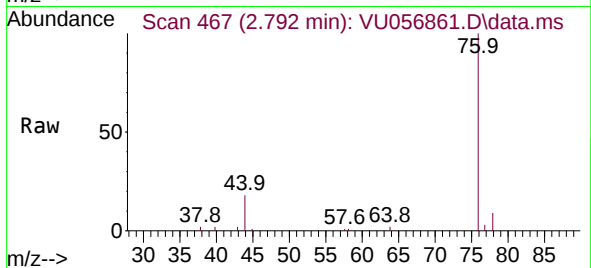
ClientSampleId :

Tgt Ion: 76 Resp: 26313

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



#22

cis-1,2-Dichloroethene

Concen: 0.666 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU056861.D

Acq: 15 Dec 2023 01:50

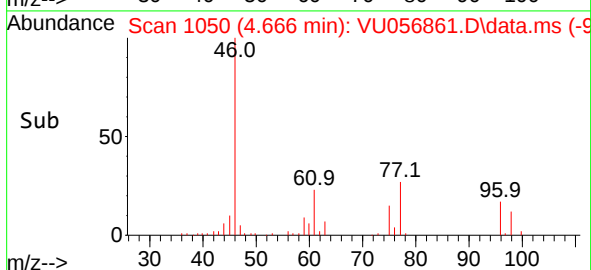
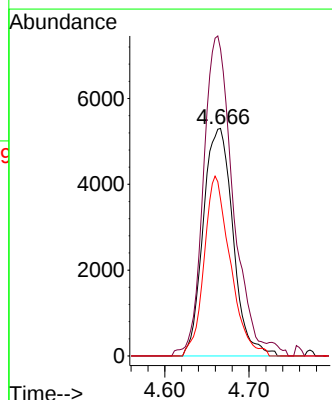
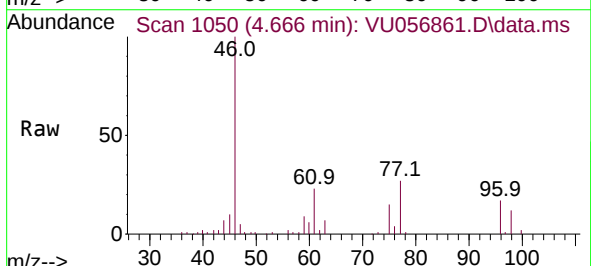
Tgt Ion: 96 Resp: 13011

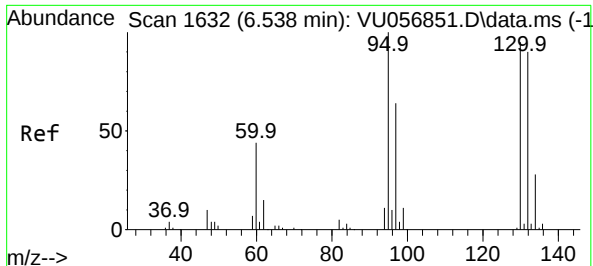
Ion Ratio Lower Upper

96 100

61 134.9 91.3 169.6

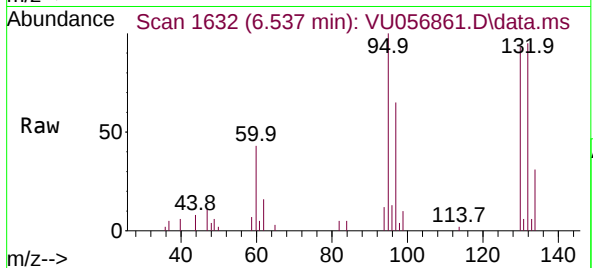
98 68.9 44.2 82.0





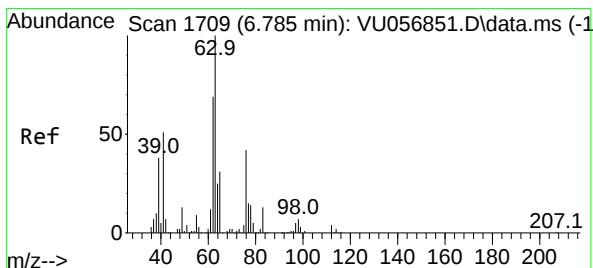
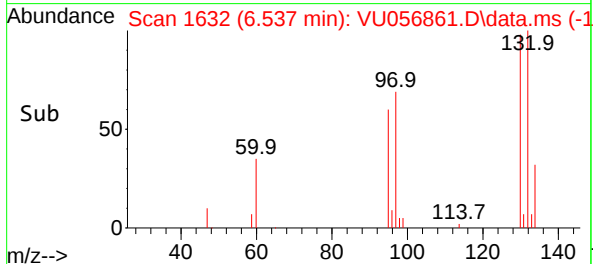
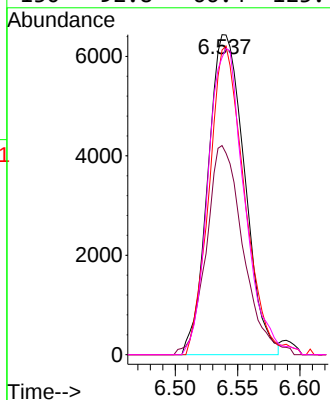
#34
Trichloroethene
Concen: 0.611 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VU056861.D
Acq: 15 Dec 2023 01:50

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 13154

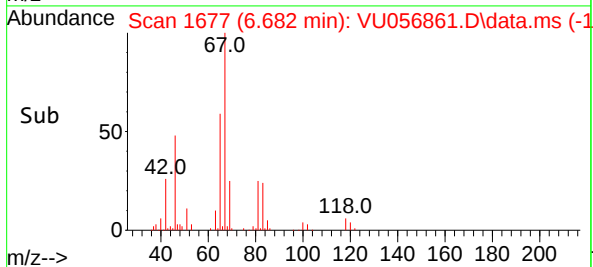
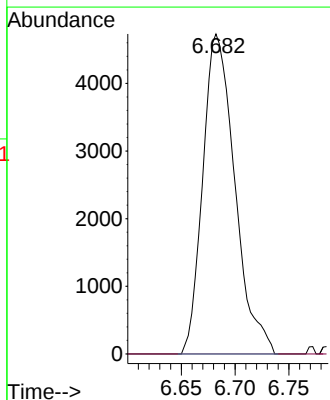
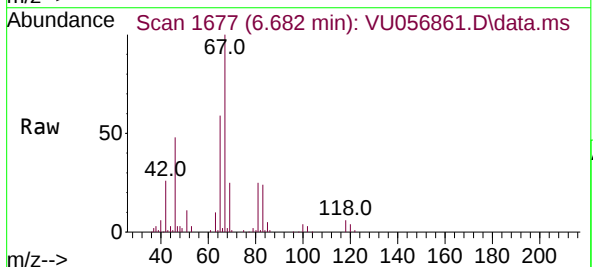
Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.1	85.5
132	95.2	63.6	118.0
130	92.8	66.4	123.4

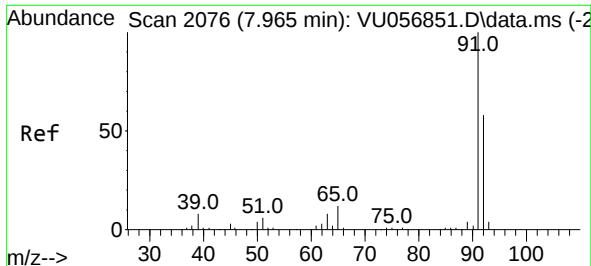


#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056861.D
Acq: 15 Dec 2023 01:50

Tgt Ion: 63 Resp: 9798

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.3	4.9#





#42

Toluene

Concen: 2.129 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056861.D

Acq: 15 Dec 2023 01:50

Instrument :

MSVOA_U

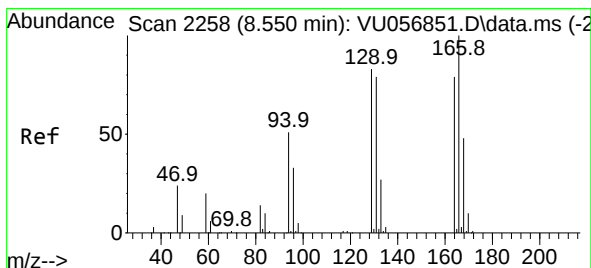
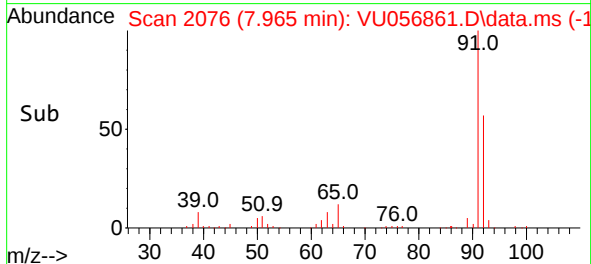
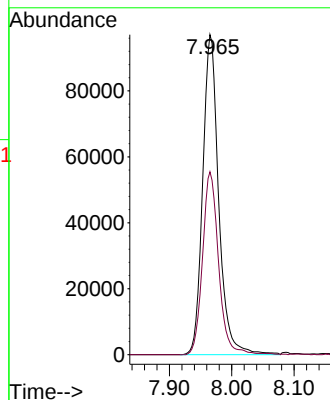
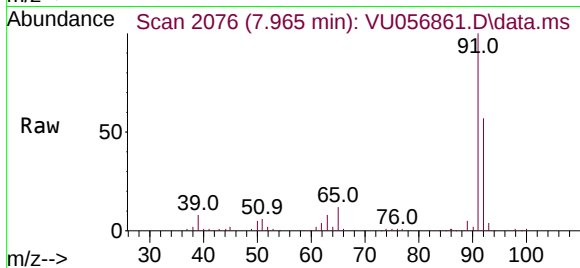
ClientSampleId :

Tgt Ion: 91 Resp: 173016

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0



#47

Tetrachloroethene

Concen: 0.164 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056861.D

Acq: 15 Dec 2023 01:50

Tgt Ion:164 Resp: 2478

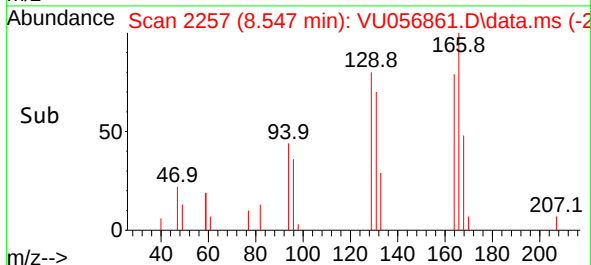
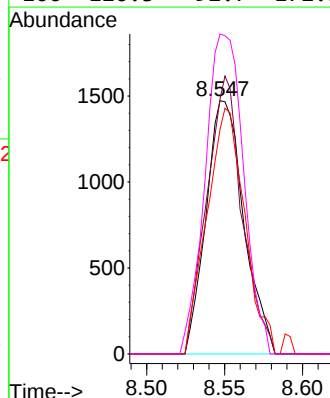
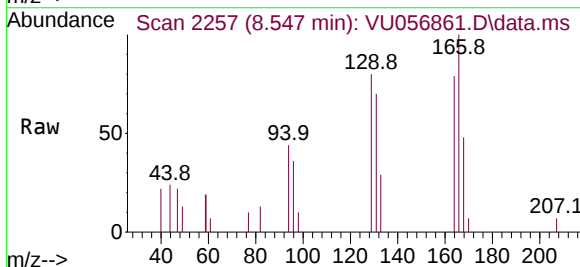
Ion Ratio Lower Upper

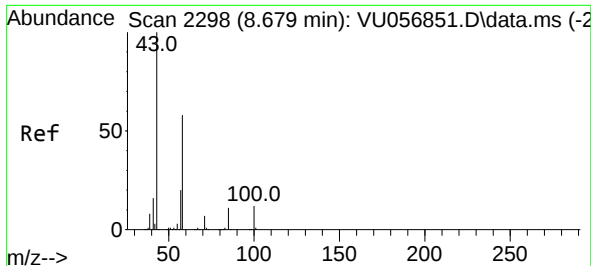
164 100

129 100.6 73.4 136.4

131 88.7 71.5 132.9

166 126.3 92.7 172.1





#48

2-Hexanone

Concen: 2.511 ug/L

RT: 8.634 min Scan# 21

Delta R.T. -0.045 min

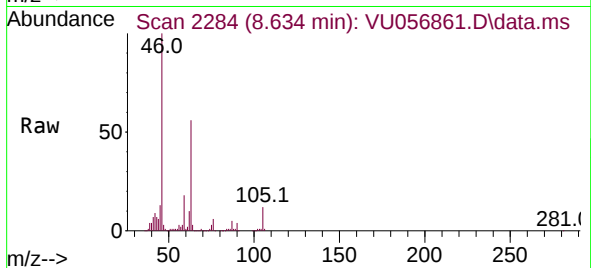
Lab File: VU056861.D

Acq: 15 Dec 2023 01:50

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 17058

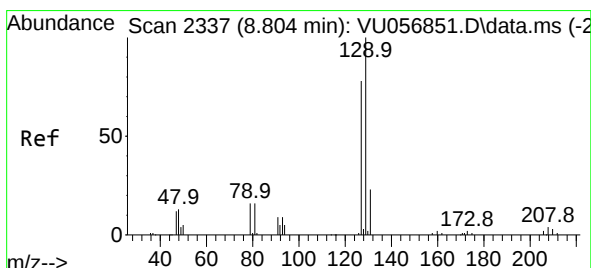
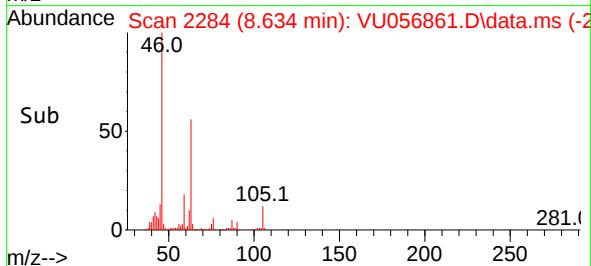
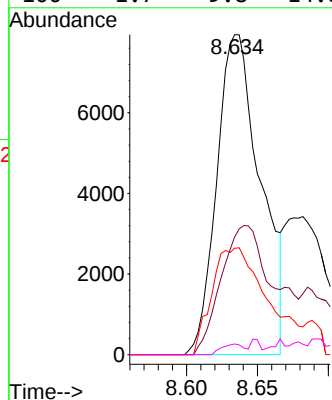
Ion Ratio Lower Upper

43 100

58 49.5 47.5 71.3

57 42.7 17.0 25.4#

100 1.7 9.8 14.8#



#49

Dibromochloromethane

Concen: 0.163 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU056861.D

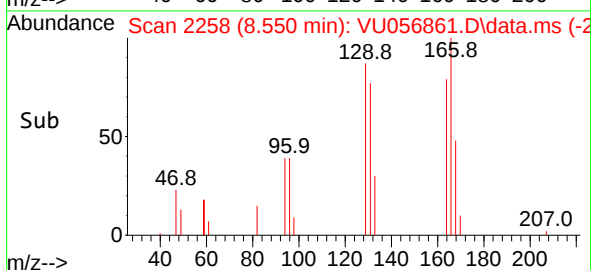
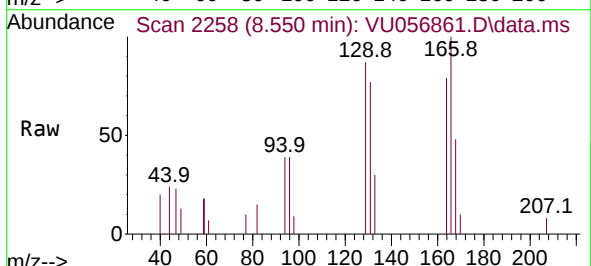
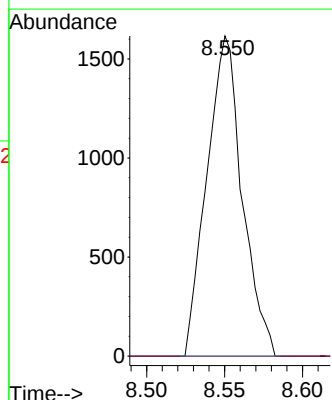
Acq: 15 Dec 2023 01:50

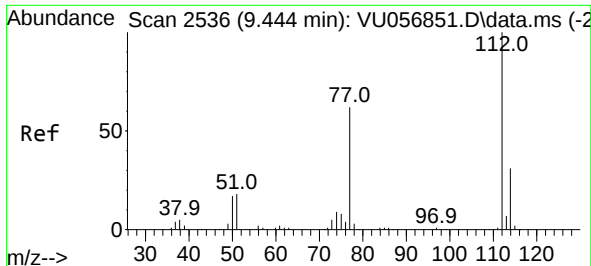
Tgt Ion: 129 Resp: 2544

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#

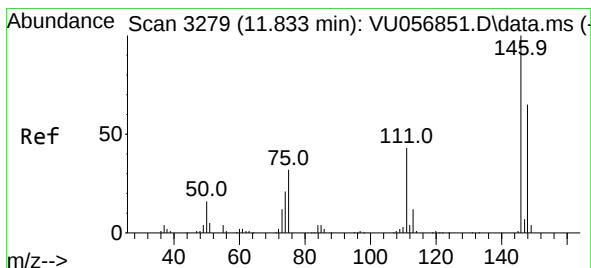
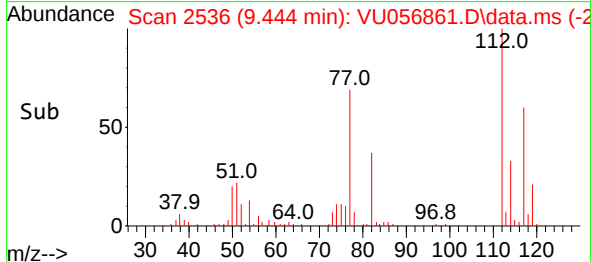
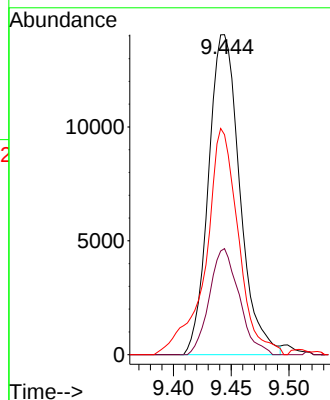
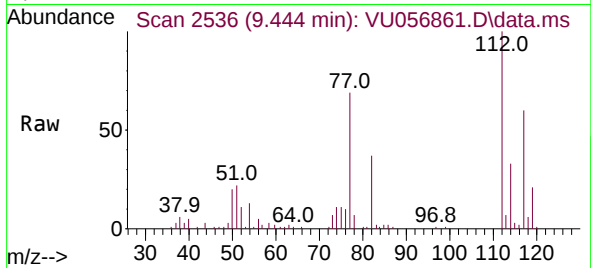




#51
Chlorobenzene
Concen: 0.512 ug/L
RT: 9.444 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056861.D
Acq: 15 Dec 2023 01:50

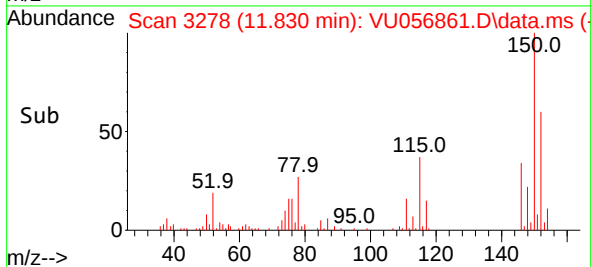
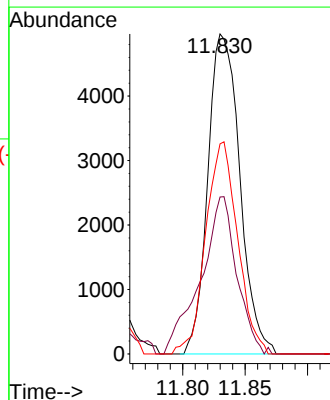
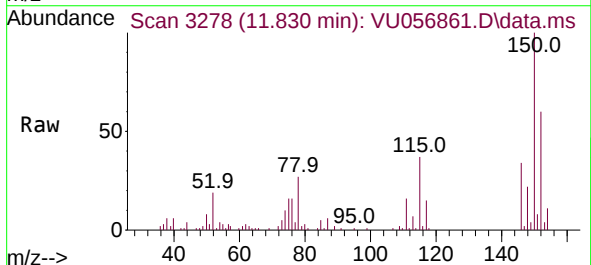
Instrument :
MSVOA_U
ClientSampleId :

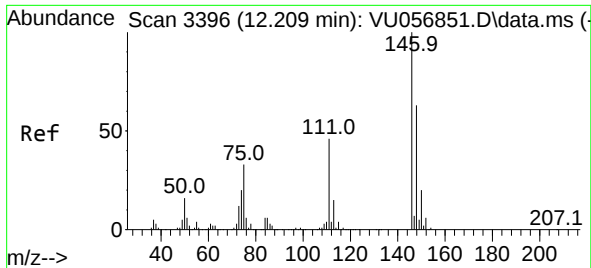
Tgt Ion:112 Resp: 26502
Ion Ratio Lower Upper
112 100
114 33.2 21.9 40.7
77 68.8 51.6 77.4



#65
1,4-Dichlorobenzene
Concen: 0.246 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056861.D
Acq: 15 Dec 2023 01:50

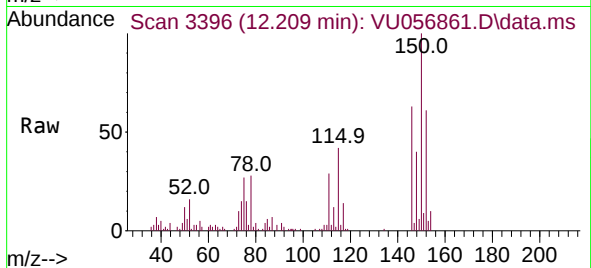
Tgt Ion:146 Resp: 8876
Ion Ratio Lower Upper
146 100
111 49.0 31.2 58.0
148 65.7 45.6 84.8





#67
 1,2-Dichlorobenzene
 Concen: 0.492 ug/L
 RT: 12.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056861.D
 Acq: 15 Dec 2023 01:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	146	Resp:	16448
Ion	Ratio	Lower	Upper
146	100		
111	46.2	36.9	55.3
148	62.5	53.0	79.4

